

Silane, dimethyl(but-3-enyloxy)dodecyloxy-

Inchi: InChI=1S/C18H38O2Si/c1-5-7-9-10-11-12-13-14-15-16-18-20-21(3,4)19-17-8-6-2/h6H,2,
InchiKey: MRZJQOHXUAVAAF-UHFFFAOYSA-N
Formula: C18H38O2Si
SMILES: C=CCCO[Si](C)(C)OCCCCCCCCCCCCC
Mol. weight [g/mol]: 314.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.02		Crippen Method
logp	6.218		Crippen Method
rinpol	1864.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U348028&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/99-268-6/Silane-dimethyl-but-3-enyloxy-dodecyloxy.pdf>

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